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## Viscosity and Heat Capacity of Glass-Forming Melts

*A Plenary Talk*

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*Publication date:*  
2019

*Document Version*  
Publisher's PDF, also known as Version of record

[Link to publication from Aalborg University](#)

*Citation for published version (APA):*

Yue, Y. (2019). *Viscosity and Heat Capacity of Glass-Forming Melts: A Plenary Talk*. Abstract from China Glass Annual Meeting, Jinan, China.

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# Viscosity and Heat Capacity of Glass-Forming Melts

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In this lecture, I will explain how to derive the VFT and MYEGA models that describe the viscosity ( $\eta$ )-temperature ( $T$ ) correlation of glass-forming melts. Then I will introduce a simple approach for determining the  $\eta$ - $T$  relation, which is based on the combination of the heat capacity and fictive temperature measurements with the MYEGA model. I will point out the importance of this approach in glass technology. Furthermore, I will revisit the Yue-Brückner model, which reflects the non-Newtonian flow behavior of oxide glass melts.